

**New Mexico- Tucumcari Field Office**  
**FY 2006 Ranking Criteria Worksheet - Irrigated Cropland**

Applicant: \_\_\_\_\_ Date: 12/14/2005 Total Points: \_\_\_\_\_  
 Farm No.: \_\_\_\_\_ Tract No.: \_\_\_\_\_ CMS Field No's. \_\_\_\_\_

**1. Water Quantity - 100 Potential Points (21% of Total)**

| Irrigation Efficiency - Use FIRS to Evaluate. Benchmark & After points equal actual % efficiency. Ranking Score equals After minus Benchmark. |  |                                       |                          |              | Benchmark Points | After Points |
|---|--|---------------------------------------|--------------------------|--------------|------------------|--------------|
| % Efficiency  | Before                                 | After                                 |                          |              |                  |              |
|   | % of Area in Contract before Treatment | % of Area in Contract After Treatment |                          |              |                  |              |
|   |  |                                       |                          |              |                  |              |
|   |  |                                       |                          |              |                  |              |
|   |  |                                       |                          |              |                  |              |
|   |  |                                       |                          |              |                  |              |
|   |  |                                       |                          |              |                  |              |
|   |  |                                       |                          |              |                  |              |
|   |  |                                       |                          |              |                  |              |
|   |  |                                       |                          |              |                  |              |
| <b>Total</b>  |  |                                       | <b>1. Water Quantity</b> | <b>Total</b> |                  |              |

**2. Water Quality - 110 Potential Points (23% of Total)**

**A. Surface Water Pollutants - 55 Points Maximum**

There is a probability that runoff water from irrigated fields contains sediment, salt, pesticides, and/or nutrients (or other associated chemicals). Treatment is needed to prevent these pollutants from entering live waters, or re-entering a shared irrigation system. Points will be awarded based on distance from the end of field to the nearest live waters or re-entry point into a shared irrigation system. If there is no run-off, after points will be 0.

| Distance of Surface runoff to Live Water | Points |              | After |
|--|--------|--------------|-------|
| <100 Ft.                                 | 55     |              |       |
| 101 - 500 Ft.                            | 40     |              |       |
| 501 - 1,320 Ft.                          | 30     |              |       |
| 1,320 - 2,640 Ft.                        | 20     |              |       |
| >2,640 Ft.                               |        |              |       |
| <b>A. Surface Water</b>                  |        | <b>Total</b> |       |

**B. Ground Water Pollutants - 55 Points Maximum**

There is a probability that irrigation water containing salt, pesticides, and/or nutrients (or other associated chemicals) is leaching into the ground water. Treatment is needed to prevent these pollutants from contaminating ground water, through leaching and direct return flow into wells. Points to be awarded based on depth to the water table, or elimination of any direct discharge to ground water

| Depth to Water Table  | Points |              | After |
|---|--------|--------------|-------|
| 1 - 10 Ft or elimination of any direct discharge into ground water. | 55     |              |       |
| 10 - 50 Ft.   | 35     |              |       |
| 50 -100 Ft.   | 20     |              |       |
| >100 Ft.  |        |              |       |
| <b>B. Ground Water</b>  |        | <b>Total</b> |       |

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**3. Selected Conservation Practice(s) - 220 Potential Points (45% of Total)**

|   | Potential Points |  | Points |
|---|------------------|--|--------|
|   |                  |  |        |
|   |                  |  |        |
| <b>Soil Erosion: Wind</b>   |                  |  |        |
| Range and Pasture Planting (550), (512)                                 | 15               |  |        |
| Windbreak/Shelterbelt Establishment (380)                               | 5                |  |        |
|   |                  |  |        |
| <b>Water Quality: Pesticides &amp; Nutrients in Groundwater</b>         |                  |  |        |
| Chemigation Valve/Backflow Valve (442)                                  | 35               |  |        |
|   |                  |  |        |
| <b>Water Quantity: Inefficient Use on Irrigated Lands</b>               |                  |  |        |
| Irrigation Water Conveyance, Ditch & canal lining (428), Pipeline (430) | 25               |  |        |

|   |                  |  |              |
|---|------------------|--|--------------|
| Flowmeter (587)   | 30               |  |              |
| Computer Panels (442)   | 30               |  |              |
| Drip Tape/LEPA (442)  | 50               |  |              |
| LESA (442)  | 40               |  |              |
| <b>Air Quality: Undesirable Air Movement</b>  |                  |  |              |
| Windbreak/Shelterbelt Establishment (380)   | 5                |  |              |
| <b>Animal Wildlife: Inadequate Cover/Shelter</b>  |                  |  |              |
| Range and Pasture Planting (550), (512) single species  | 8                |  |              |
| Range and Pasture Planting (550), (512) w/multiple species with shrubs  | 12               |  |              |
| <b>3. Selected Conservation Practices</b>   | <b>Total</b>     |  |              |
| <b>4. Other Considerations - 55 Potential Points (11% of Total)</b>   |                  |  |              |
|   | Potential Points |  | After Points |
| A. At risk species are in the area and the contract will enhance habitat for the species.   | 15               |  |              |
| B. Treatment of this land could have a beneficial impact on a 303d listed stream segment.   | 10               |  |              |
| C. Treatment of this land could enhance the benefits of an active/planned section 309 project   | N/A              |  |              |
| D. The land is within a NMED designated Category I watershed.   | 5                |  |              |
| E. Proposed contracted area will be treated to eradicate and/or prevent infestation of Class A, Class B, and/or Class C noxious weeds, as designated by NMDA. (Points are only given to those practices that are included in NRCS standards and specifications.)  | 25               |  |              |
| <b>4. Other Considerations</b>  | <b>Total</b>     |  |              |
| <p><i>I understand that if I accept points for LEPA: I will only apply water in the spray mode during Germination or Chemigation. If I plant row crops, I will be required to farm in a circle and apply water in every or every other furrow.</i></p> <p>Note: In the event of a tie, contracts will be awarded to applicants which have greater points in Sect. 1.</p> <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div> <p>Total Points (After minus Benchmark):</p> <p>_____</p> </div> <div> <p>Sec 1 _____</p> <p>Sec 2 _____</p> <p>Sec 3 _____</p> <p>Sec 4 _____</p> <p><b>Worksheet Total</b> _____</p> </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div> <p>_____<br/>Producer</p> <p>_____<br/>Designated Conservationist</p> </div> <div> <p>_____<br/>Date</p> <p>_____<br/>Date</p> </div> </div> |                  |  |              |
| NOTE: Any single type of conservation practice will be limited to \$50,000 in cost share per contract   |                  |  |              |